

Converting Colors

Yxy(54.9839, 0.3275, 0.3601)

Have a look what the booklet for
Yxy(54.9839, 0.3275, 0.3601)
contains.

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Color

Yxy(54.8746, 0.3281, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	C2C6AD
RGB	194, 198, 173
RGB Percent	76%, 78%, 68%
CMY	0.2392, 0.2235, 0.3216
CMYK	0.02, 0.00, 0.13, 0.22
HSL	70°, 18%, 73%
HSV	70°, 13%, 78%
XYZ	49.9843, 54.8746, 47.4859
YIQ	193.9540, 5.6410, -8.6230

Conversions

Conversions Part 2

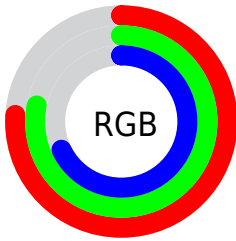
Format	Color
RYB	173, 198, 177
Decimal	12764845
CIELab	78.97, -5.76, 12.07
CIELCh	79, 13.376, 115.526
Yxy	54.8746, 0.3281, 0.3602
Android (android.graphics.Color)	4290954925 (0xFFC2C6AD)
YUV	193.9540, -10.3303, 0.0403
Hunter-Lab	74.0774, -9.1911, 13.8475

Details

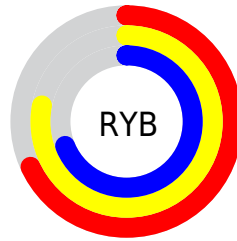
The Yxy color **54.8746, 0.3281, 0.3602** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3062, 0.2962, 0.2965**, and the grayscale version is **53.9807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6307, 0.3260, 0.3554**, and **26.9024, 0.3314, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **53.7517, 0.3404, 0.3860**, and if you desaturate by 10%, it is **56.1249, 0.3159, 0.3353**.

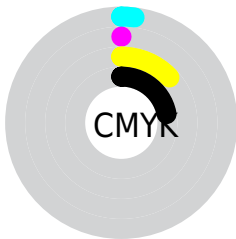
Distribution



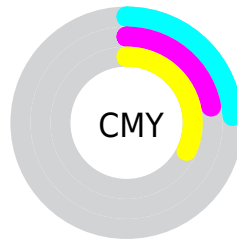
- Red (76%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)




- Cyan (24%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8746, 0.3281, 0.3602 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 54.8746, 0.3281, 0.3602 by changing the saturation by 10% instead.

 54.8746, 0.3281,
0.3602

 54.8746, 0.3281,
0.3602


405.4364, 0.3207,
0.3448

 39.3013, 0.3299,
0.3640


 97.3572, 0.3255,
0.3547

 26.9942, 0.3321,
0.3687


125.0353, 0.3245,
0.3526

 17.5689, 0.3349,
0.3750


157.5172, 0.3236,
0.3508

 10.6409, 0.3387,
0.3837

195.1872, 0.3229,
0.3493

 5.8259, 0.3440,
0.3963

238.4297, 0.3222,
0.3480

 2.7395, 0.3519,
0.4162

287.6292, 0.3217,

 0.9973, 0.3941,

0.3468

0.4895

343.1699, 0.3212,
0.3458

0.0000, 0.0000,
0.0000

54.8746, 0.3281,
0.3602

54.8746, 0.3281,
0.3602

53.7517, 0.3404,
0.3860

56.1249, 0.3159,
0.3353

52.7438, 0.3525,
0.4121

57.5000, 0.3041,
0.3118

51.8481, 0.3637,
0.4376

59.0069, 0.2928,
0.2900

51.0586, 0.3737,
0.4616

60.6497, 0.2823,
0.2699

50.3690, 0.3819,
0.4829

61.2893, 0.2828,
0.2675

■ 49.7719, 0.3877,
0.5007

■ 61.7585, 0.2850,
0.2679

■ 49.2592, 0.3911,
0.5142

■ 62.2370, 0.2872,
0.2683

■ 48.8211, 0.3918,
0.5232

■ 62.7248, 0.2894,
0.2687

■ 48.5326, 0.3912,
0.5276

■ 63.2219, 0.2917,
0.2691

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.8746, 0.3419, 0.3569



54.8746, 0.3281, 0.3602



54.8746, 0.3105, 0.3546

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.8746, 0.3281, 0.3602



54.8746, 0.2789, 0.3103



54.8746, 0.3315, 0.3168

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.8746, 0.3281, 0.3602



43.3062, 0.2962, 0.2965

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.8746, 0.3142, 0.3052



54.8746, 0.3281, 0.3602



54.8746, 0.2841, 0.3012

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.8746, 0.3281, 0.3602



54.8746, 0.2824, 0.3250



54.8746, 0.2969, 0.2995



54.8746, 0.3440, 0.3317

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.8746, 0.3281, 0.3602



54.8746, 0.2990, 0.3464



54.8746, 0.2969, 0.2995



54.8746, 0.3261, 0.3125

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.8770, 0.3281, 0.3602



99.0521, 0.3176, 0.3388



46.3652, 0.3348, 0.3338



21.1640, 0.3185, 0.3407



0.0000, 0.0000, 0.0000



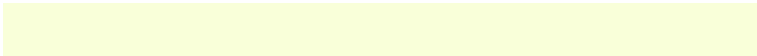
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.8770, 0.3281, 0.3602



96.6344, 0.3313, 0.3668



53.3213, 0.3181, 0.3612



12.3278, 0.3241, 0.3520



31.5912, 0.3916, 0.5273



1.5195, 0.3977, 0.5224

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.3062, 0.2962, 0.2965



72.3843, 0.2924, 0.2892



44.8109, 0.3066, 0.2975



10.3676, 0.3007, 0.3053



2.8726, 0.1573, 0.0640



0.1624, 0.1749, 0.0737

Previews

White Background



This preview shows how the Yxy color 54.8746, 0.3281, 0.3602 looks on a white background.

Color Contrast Check

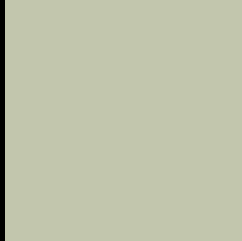
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 54.8746, 0.3281, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

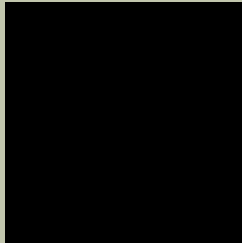
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

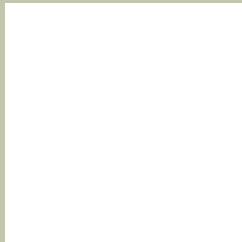
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8746, 0.3281, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 54.8746, 0.3281, 0.3602.



This preview shows how white text looks on a background with the Yxy color 54.8746, 0.3281, 0.3602.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.8746, 0.3281, 0.3602

Protanopia

54.8079, 0.3385, 0.3583

Deuteranopia

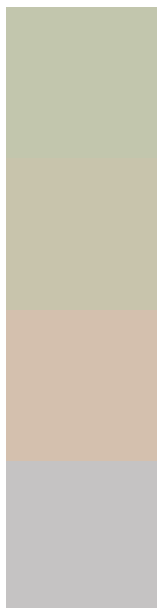
54.5912, 0.3521, 0.3442



Tritanopia

54.8361, 0.3064, 0.3111

Trichromacy



Original Color

54.8746, 0.3281, 0.3602

Protanomaly

54.7378, 0.3341, 0.3586

Deuteranomaly

54.7523, 0.3435, 0.3506

Tritanomaly

54.8407, 0.3143, 0.3290

Monochromacy



Original Color

54.8746, 0.3281, 0.3602

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0447, 0.3186, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8746, 0.3281, 0.3602 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(194, 198, 173)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 173) }
```

Border

The CSS property to change the border of an element to Yxy 54.8746, 0.3281, 0.3602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 198, 173) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 198, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 198, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 173);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8746, 0.3281, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
198, 173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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